Patent claims

1. Backrest for a chair, which is formed as a frame (1) with a membrane clamped in it, the frame (1) comprising two lateral, essentially vertically running side parts (2, 3) and two essentially horizontally running cross-pieces (4, 5), connecting the side parts (2, 3), and the upper cross-piece (5) interconnecting the two side parts (2, 3) at their upper ends, and the lower cross-piece (4) interconnecting the two side parts (2, 3) in the region of the user's lumbar spine, and the frame (1) being suspended in the middle of the lower cross-piece (4) on a backrest support (6) comprising two legs (7, 8) running under the seat, characterized in that
   - the backrest support (6) is connected to the frame (1) in one piece,
   - the frame (1) and the backrest support (6) connected to it in one piece comprises an injection moulding made of a glass-fibre-reinforced polyamide resin, preferably a polyarylamide,
   - the moulding is hollow apart from the central region of the upper cross-piece (5) and the two legs (7, 8) of the backrest support (6), and
   - the two legs (7, 8) of the backrest support (6) run together in a connecting piece (18), and the connecting piece (18) runs smoothly and uninterruptedly into the lower cross-piece (4) of the frame (1).

2. Backrest according to Claim 1, characterized in that on the two legs (7, 8) of the backrest support (6) there is respectively provided a moulded-on bearing block (9, 10) for the mounting of the seat panel, and in the front region recesses (22) for receiving fittings (11, 12) for the connection to

the tilting mechanism, and in that a fitting (13) which can be fastened by screws, with a bearing (14) for receiving a neck support (15), is provided in the middle of the upper cross-piece (5).

3. Backrest according to Claim 1, characterized in that strip holders (16, 17) in which a band can be fastened, for supporting the lordosis of the user's lumbar spine are provided on the two side parts (2, 3) of the frame (1), at the height of the lower cross-piece (4).

4. Backrest according to Claim 2, characterized in that in the bearing (14) at the fitting (13) on the upper cross-piece (5) there is pivotably mounted a sleeve (19), in which a bar (20) on which the supporting plate (21) of the head cushion of the neck support (15) is fastened is provided in an extractable manner.

5. Method for producing a backrest according to Claim 1, characterized in that the moulding is produced by the gas injection technique (GIT).